

ABSTRACT

A first identifier for identifying each flow belonging to a first group relating to a sequencing, a first
5 sequential number, said first sequential number being unique within each flow of the first group flow, a second identifier for identifying a flow relating to a retransmitting control, and a second sequential number, said second sequential number being unique within each
10 flow belonging to the second group flow, are affixed to a transmission packet to transmit it. A receiving node makes a request for retransmission based upon the second identifier and the second sequential number, and a transmitting node retransmits its packet. Also, in the
15 sequencing of the packets, the receiving node takes a sequencing of the packet based upon the first identifier and the first sequential number.